

FIG. 1

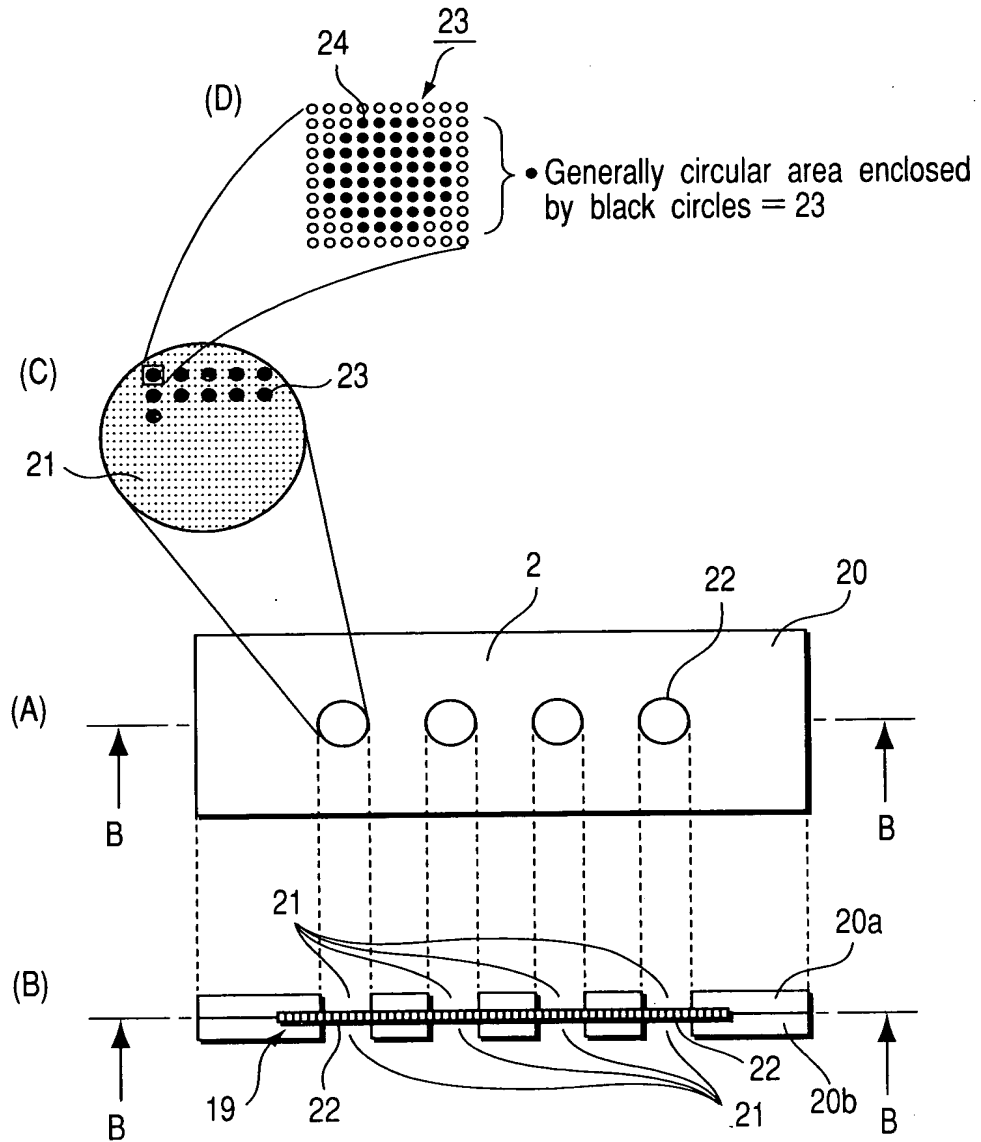


FIG. 2

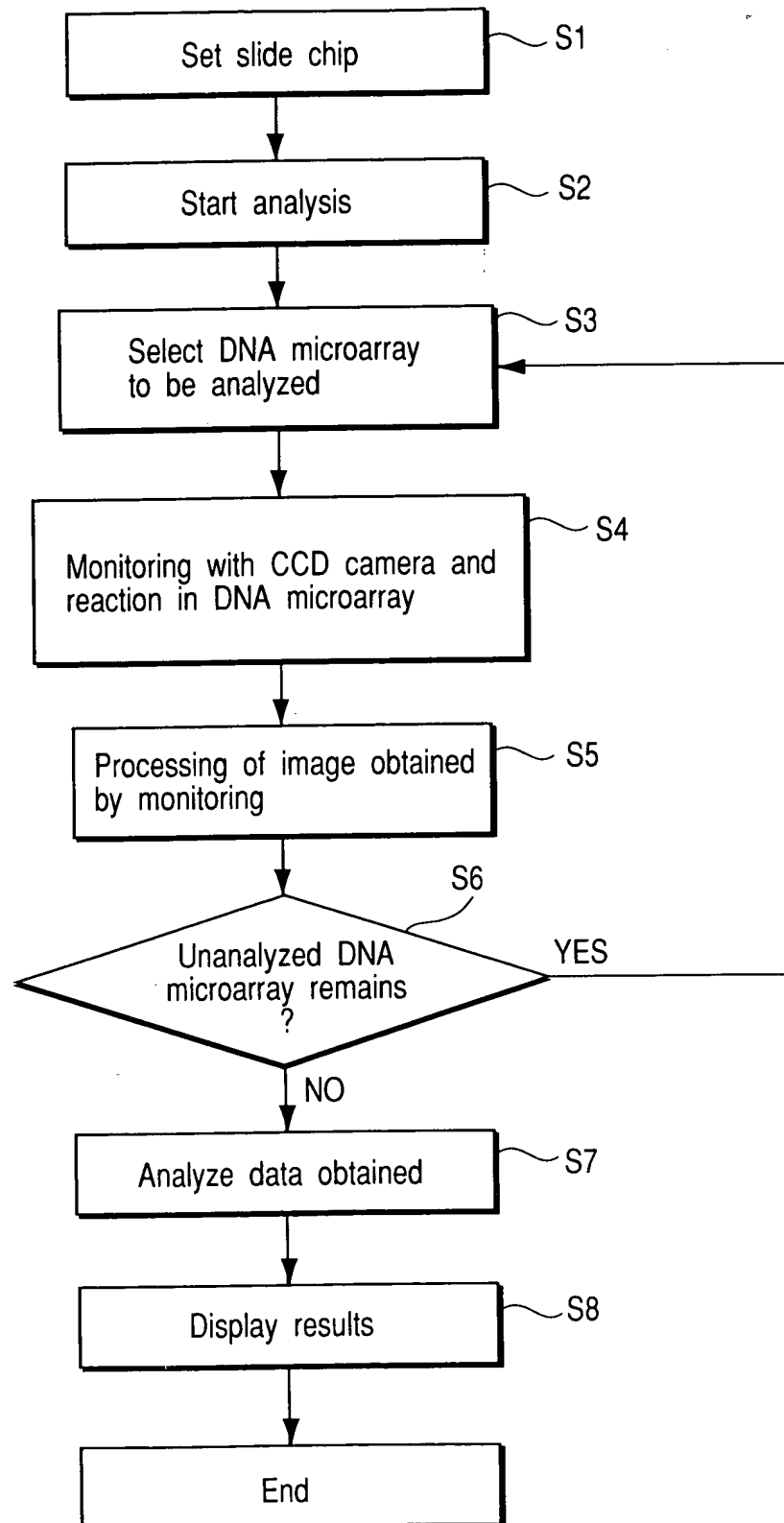


FIG. 3

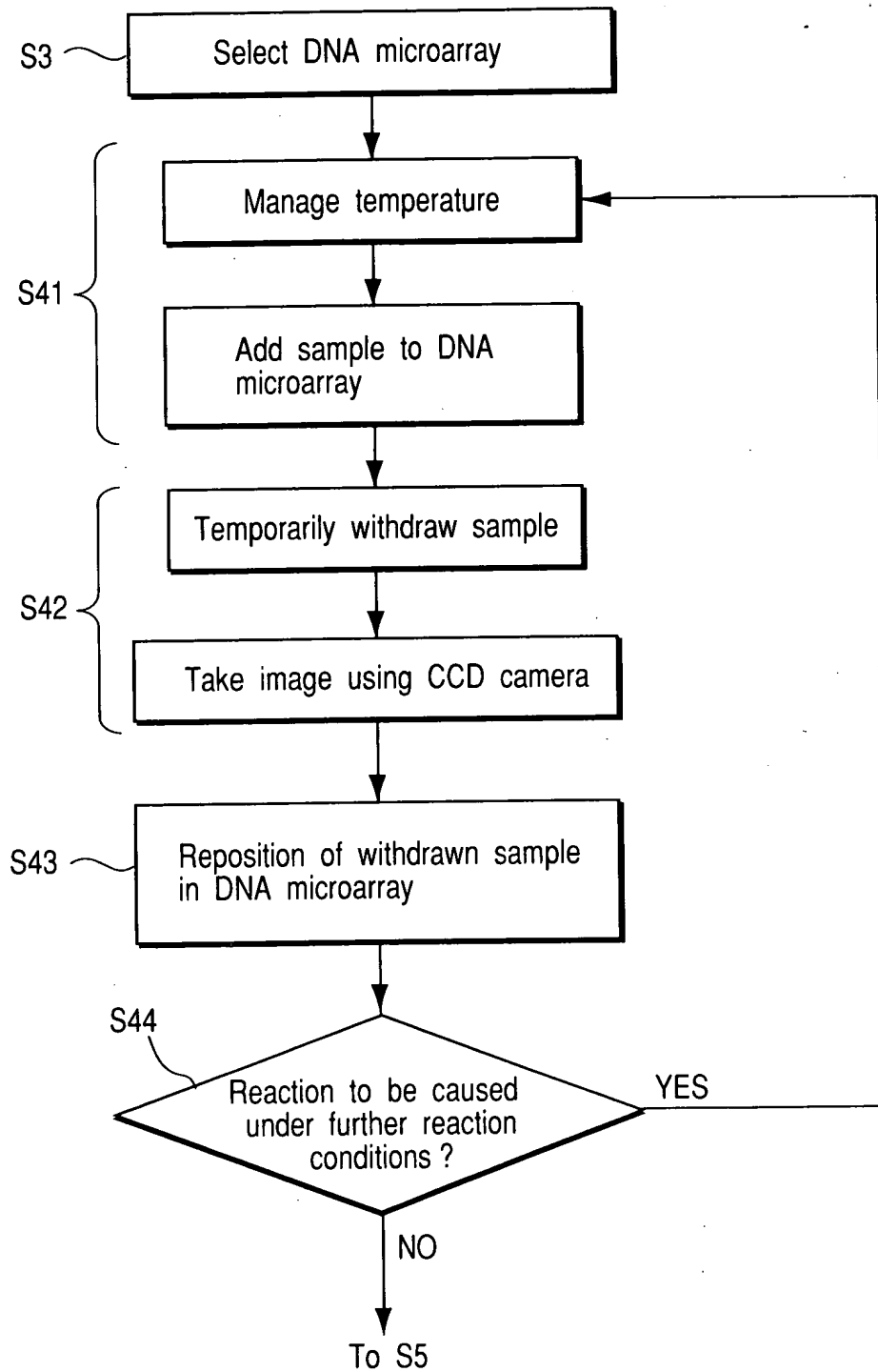


FIG. 4

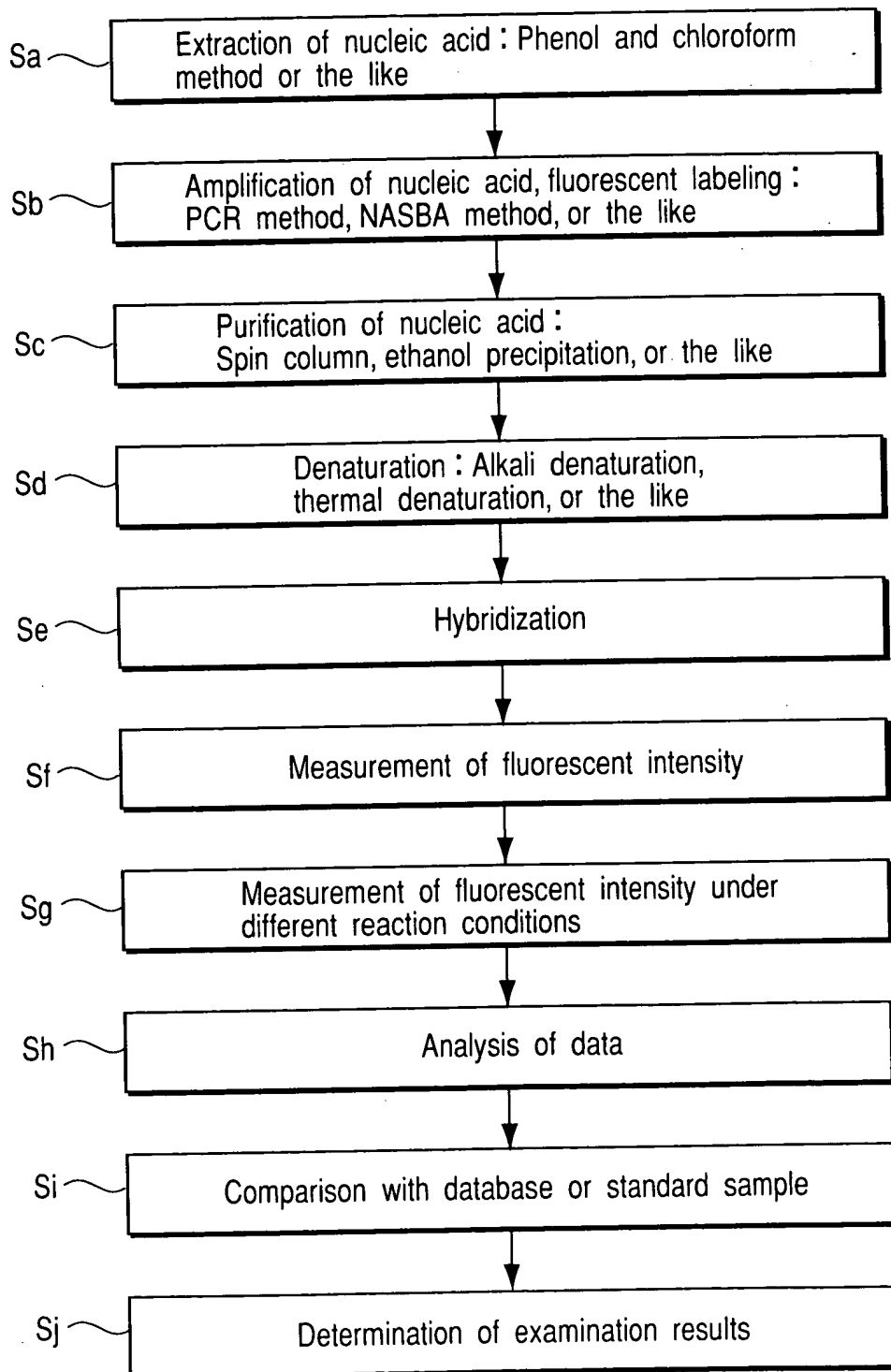
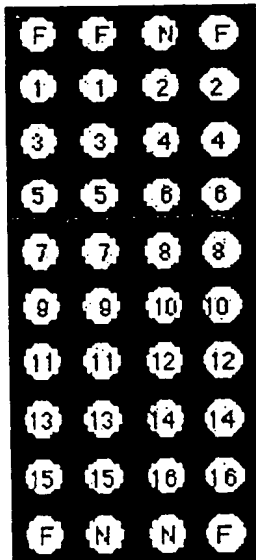


FIG. 5

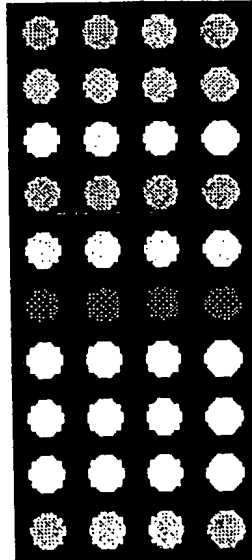
number	spot oligo (25 mer)	target
1	5'-AGTTTGTGTTTCAACTGTTCTCGTC-3'	c-myc
2	ATCTGTCTCAGGACTCTGACACTGT	c-myc
3	ACTCAAACGTGTCTGTGTTGTAGGT	ERBB2
4	AATCTGCATACACCAGTTCAGCAG (24mer)	ERBB2
5	CATAATGGTAGCCTGAAGCATAGTC	ER
6	GGATCAAAGTGTCTGTGATCTTGTC	ER
7	TACAGATGAGGTTATTTGCCTGAGT	ZABC1(ZNF217)
8	ATAAGTGTGATATGACACAGGCCT	ZABC1(ZNF218)
9	CTCGTCTTCTACAGGGAAGTTCAC (24mer)	hTERT
10	CAGGAGGATCTTGTAGATGTTGGT (24mer)	hTERT
11	ACATCTACTACACTTTCAGCGTGAA	Luciferase gene of <i>Renia reniformis</i> (negative control)
12	CGTCAGGTTTACCACCTTTTACTAA	Luciferase gene of <i>Renia reniformis</i> (negative control)
13	GTCACACTTCATGATGGAGTTGAAG	$\beta$ -actin (positive control)
14	GTAGCACAGCTTCTCCTTAATGTCA	$\beta$ -actin (positive control)
15	ATCTTGAGGCTGTTGTCATACTTCT	GAPDH (positive control)
16	ACCACCTTCTTGATGTCATCATATT	GAPDH (positive control)
F	fluorescein oligo	
N	non DNA	

(A)

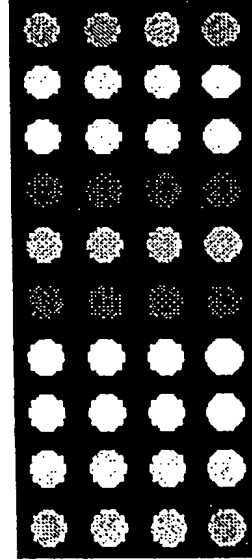
probe location



(B)

COLO(R)vs.  
TIG-1(G)

(C)

MCF-7(R)vs.  
TIG-1(G)

(D)

FIG. 6

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number	spot oligo (21 mer)	number of mismatch
1	5'-ACAACTACATGTGTAACAGTT-3'	0 (sense)
2	ACAACTACATCTGTAACAGTT	1
3	ACAACTACATATGTAACAGTT	1
4	ACAACTACATTTGTAACAGTT	1
5	AACTGTTACACATGTAGTTGT	0 (antisense)
6	AACTGTTACAGATGTAGTTGT	1
7	AACTGTTACATATGTAGTTGT	1
8	AACTGTTACAAATGTAGTTGT	1
9	ACAACTACAGATGTAACAGTT	2
10	ACAACTACATATGTAGCAGTT	2
11	ACAAGTACATATGTAACAGTT	2
12	ACAAGTACATATGTAGCAGTT	3
13	ACAAGTACAGACGTAGCAGTT	5
14	CACAGGCCCAAGATGAGGCC	complement of primer F
15	ACTTGCCACCCTGCACACTG	complement of primer R
F	fluorescein oligo	
N	non DNA	

(A)

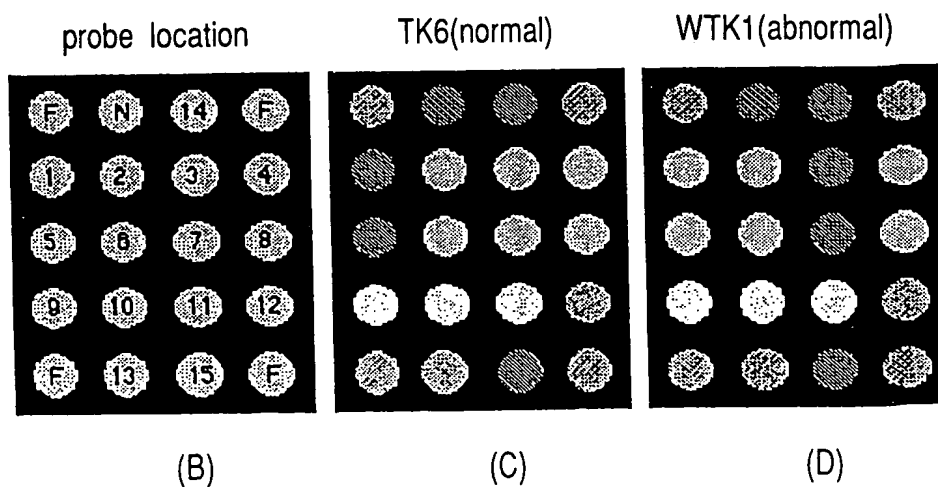


FIG. 7

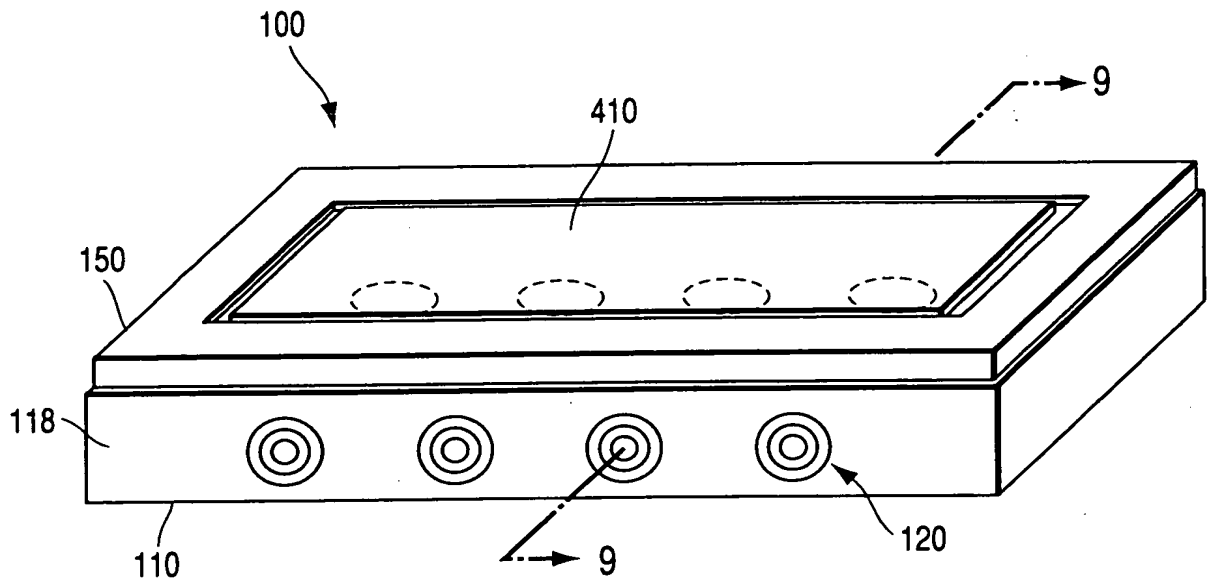


FIG. 8

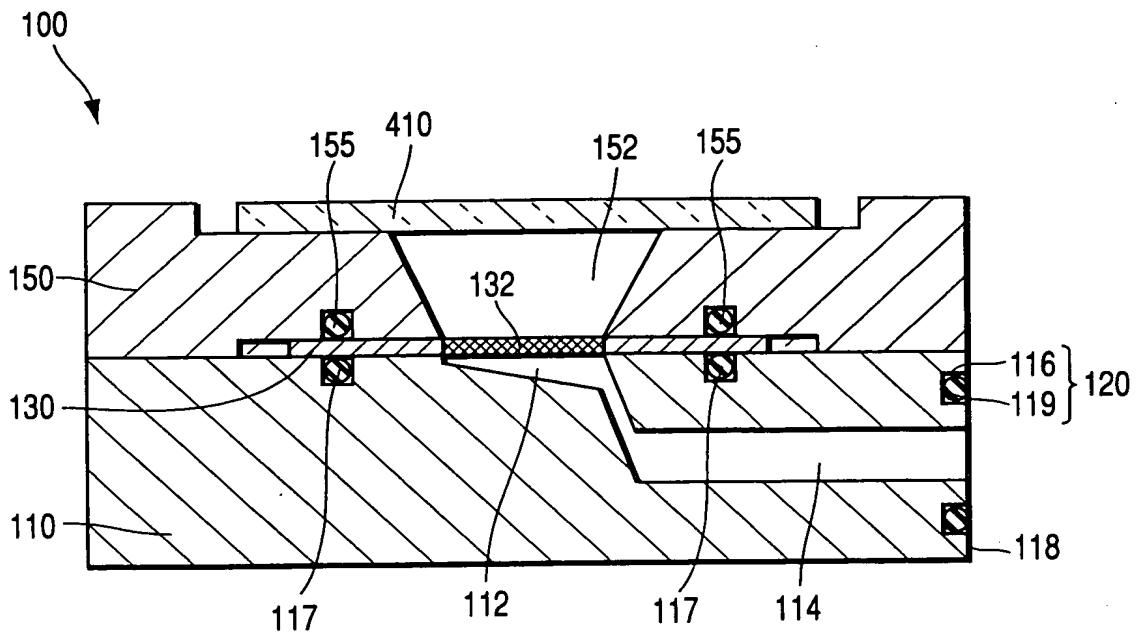


FIG. 9